	App Qty	Description of work	Approved Rates of M/s. H V ONKARAPPA		
			Unit	Rate in Figures	Rate in Words
105	263.16	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. Area to be considered - a) 100% for fresh surface, b) Upto 10 % for repainting, GF	Sqm	66.0	Rupees Sixty Six Only
106	374.4	FF	Sqm	66.0	Rupees Sixty Six Only
107	528.18	SF	Sqm	66.0	Rupees Sixty Six Only
108	45.87	Head room	Sqm	66.0	Rupees Sixty Six Only
109	263.16	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. do with primer, GF	Sqm	107.0	Rupees One Hundred Seven Only
110	374.4	FF	Sqm	107.0	Rupees One Hundred Seven Only
111	528.18	SF	Sqm	107.0	Rupees One Hundred Seven Only
112	45.87	Head room	Sqm	107.0	Rupees One Hundred Seven Only
113	66.36	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered meterial, free from mortor drops and other foreign matters cost of meterials, labour, complete as per specifications. GF	Sqm	200.0	Rupees Two Hundred Only
114	65.88	FF	Sqm	200.0	Rupees Two Hundred Only
115	86.64	SF	Sqm	200.0	Rupees Two Hundred Only
116	128.51	Head room	Sqm	200.0	Rupees Two Hundred Only
117	18	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail, 50 mm dia 16 guage hallow pipe welded to vertical hallow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour HOM of machineries and electrical charges etc complete as per specifications.	Sqm	7302.0	Rupees Seven Thousand Three Hundred Two Only

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	App Qty	Description of work	Approved Rates of M/s. H V ONKARAPPA		
			Unit	Rate in Figures	Rate in Words
118	6	FF	Sqm	7308.0	Rupees Seven Thousand Three Hundred Eight Only
119	44.3	SF	Sqm	7314.0	Rupees Seven Thousand Three Hundred Fourteen Only
120	205.5	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS.	Sqm	1083.0	Rupees One Thousand Eighty Three Only
121	441	Providing and laying integral cement based waterproofing treatment including preparation of surface as required treatment of roofs, balconies, terraces etc., consisting following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound confirming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% cement mortar 1:5 admixed with proprietary water proofing compound confirming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height incluing rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement slurry admixed with proprietary water proofing compound. (d) Finishing the surface with 20mm thick joint less cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flodded with water for a minimum period of two weeks for curing and for final test including cost of all materials, labour complete as per specifications.	Sqm	955.0 -	Rupees Nine Hundred Fifty Five Only
122	18	Sanitory and water supply : KSRB 11-6: Providing & fixing white vitreous china clay , water closet European type (Pedestal type , S-Trap) with black solid plastic seat and lid . CP Brass hinges , rubber buffers, 10 litre white glazed / vitreous china clay low level flushing cistern (all are approved make) with fittings C.I. /M.S. Brackets , 40 mm diameter flush bend fittings and clamps over flow arrangement with specials and 25 mm mosquito proof coupling of approved design , painting of fittings and brackets ,cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications. (PWD, S.R. 2016-17)(p 77,, Item No.12.6)	Nos.	5886.0	Rupees Five Thousand Eight Hundred Eighty Six Only

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NO	App Qty	Description of work	Approved Rates of M/s. H V ONKARAPPA		
			Unit	Rate in Figures	Rate in Words
123	25	Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a single of 15mm C.P brass pillar taps with C.I / M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Nos.	4615.0	Rupees Four Thousand Six Hundred Fifteen Only
124	15	Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm in the range of four with 10 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Nos.	8090.0	Rupees Eight Thousand Ninety Only
125	8	Providing and fixing in position chromium plated brass shower rose with 15 or 20mm inlet 150mm dia including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Nos.	1011.0	Rupees One Thousand Eleven Only
126	58	Providing and fixing in position brass bib cock of approved quality 20 mm dia nominal bore including cost of materials, labour HOM of equipments with all leads complete with specifications	Each	288.0	Rupees Two Hundred Eighty Eight Only
127	108.8	SOIL & WASTE PIPE SYSTEM - INTERNAL Providing and fixing to wall, ceiling and floor unplasticised PVC 6kgs/sqm working pressure with pipe fittings, walll clips etc. and making good the wall , ceiling and floor for sanitary pipe lines including cost of all materials, labour HOM of acquirements and testing complete as per specifications. a) 75 mm dia	Rmt	333.0	Rupees Three Hundred Thirty Three Only
128	108.8	b) 110 mm dia	Rmt	490.0	Rupees Four Hundred Ninety Only
129	48	Providing and fixing rigid PVC bend of required degree (of approved make) for S.W.R. drainage pipes of approved including lubricating.	Each	617.0	Rupees Six Hundred Seventeen Only
130	39	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in CC 1:2:4 as per directions of 12.5cms x 7.5cms (Rate is inclusive of cost of materials and fixtures and conveyanceof materials to work spot).	No.	339.0	Rupees Three Hundred Thirty Nine Only
131	15	Constructing brick masonry inspection chamber 600X600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M-15 with 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3 finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.	No.	10638.0	Rupees Ten Thousand Six Hundred Thirty Eight Only

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No	App Qty	Description of work	Approved Rates of M/s. H V ONKARAPPA		
			Unit	Rate in Figures	Rate in Words
132	108	WATER SUPPLY SYSTEM - INTERNAL Providing and fixing CPVC pipes confirming to IS 15778 , having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mt spacing . This includes jointing of pipes and fittings with one stepCPVC Solvent cement and cost of cutting chases and making good the same including testing of joints complete (concealed work including cutting chasea and good the walls etc.) 32mm dia	Rmt	369.0	Rupees Three Hundred Sixty Nine Only
133	108	25mm dia	Rmt	297.0	Rupees Two Hundred Ninety Seven Only
134	12	Providing and fixing in position brass stop cock of approved quality 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications	Each	187.0	Rupees One Hundred Eighty Seven Only
135	12	Providing and fixing in position brass gate valve with C.I. Wheel of approved quality (screed end) 5 mm nominal bore including cost of all materials , labour , HOM of equipments ith all lead , complete as per specifications a) 32 mm dia	Nos	1156.0	Rupees One Thousand One Hundred Fifty Six Only
136	5	Core cutting for taking pipes and bore packing water tight with cement concrete and waterproof	LS	11000.0	Rupees Eleven Thousand Only
137	33.6	EXTERNAL SEWAGE SYSTEM Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m.and above in width, in ordinary soil not exceeding 1.5m.in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	225.0	Rupees Two Hundred Twenty Five Only
138	28	KSRB 12-1.2 : Providing and laying in position to required level or slope 150mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications. Specification No. KBS 12.2.5/12.7 (PWD, S.R. 2016-17)(p 170,, Item No.11.2)	Rmt	420.0	Rupees Four Hundred Twenty Only
139	33.6	Refilling available earth around the pipeline, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5m including cost of all labour complete as per specifications.	cum	90.0	Rupees Ninety Only
140	15	Providing stoneware gully trap of approved quality and make fixing inm-15 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials, fixtures and lead). (15cms x10cms)	No.	321.0	Rupees Three Hundred Twenty One Only
141	33.6	EXTERNAL WATER SUPPLY SYSTEM: Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m.and above in width, in ordinary soil not exceeding 1.5m.in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	cum	224.0	Rupees Two Hundred Twenty Four Only

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	App Qty	Description of work	Approved Rates of M/s. H V ONKARAPPA		
			Unit	Rate in Figures	Rate in Words
142	33.6	Providing and fixing in trenches galvanised medium grade 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipments and testing complete as per specifications (From Sump to OHT)	Rmt.	605.0	Rupees Six Hundred Five Only
143	33.6	Refilling available earth around the pipeline, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5m including cost of all labour complete as per specifications.	cum	90.0	Rupees Ninety Only
144	12	Providing and fixing 50mm dia nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials,labour charges,HOM of equipments and testing complete as per specifications	No.	1777.0	Rupees One Thousand Seven Hundred Seventy Seven Only
145	2	Providing and placing on terrace , polyethylene water storage tanks (1000 ltr capacity)	No.	10058.0	Rupees Ten Thousand Fifty Eight Only
146	24.58	Sump tank : Earthwork excavation for foundation of structures as per drawings and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising /tramsporting the remaining earth locally upto1.0kms lead - Ordinary Rock (not required blasting)-Manual means	Cum	84.0	Rupees Eighty Four Only
147	1.02	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC Cement @220kgs with 40mm and down size graded granite metal coarse aggregate @0.892 cum and fine aggregates @0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, 110M of machinery, curing complete as per specifications . Specification No. KBS4.1,4.2 (PWD, S.R. 2016-17)(Page No. 12, Item No.4.2)	Cum	5994.0	Rupees Five Thousand Nine Hundred Ninety Four Only
148	2.16	Providing and laying in position reinforced cement concrete of design I mix M25 with with OPC Cement @340 kgs with 20mm and down size graded granite metal coars aggregates @0.70 cum and fine aggregates @ 0.47cum with superplasticisers @3liters confirming to IS9103-1999 Reaffirmed -2008 at machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footings , pedestals , retaining walls ,return walls ,walls(any thickness) including attached pilasters, columns , pillars, posts , struts, buttresses, bed blocks,, anchor blocks & plinth etc.including cost of all materials, labour, HOM of machinary, curing complete as per specifications.	Cum	7390.0	Rupees Seven Thousand Three Hundred Ninety Only
149	1.8	Extra for use of water proofing compound in Cement concrete of mix 1:1:2, at one kg of compound per bag of cement.	Cum	302.0	Rupees Three Hundred Two Only
150	11.88	Providing and removing centering, shuttering, strutting, propping etc., and removal of from work for sides and soffits of beams, beam haunchings, cantilever griders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications.	Sqm	304.0	Rupees Three Hundred Four Only

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			Unit	Rate in Figures	Rate in Words
151	9	Providing and removing centering, shuttering, strutting, propping etc., and removal of from work for flat surface such as suspended floors, roofs landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specificationSpecification No. KBS 4.6.2 - 0-5.0mts Ht	Sqm	653.0	Rupees Six Hundred Fifty Three Only
152	28.8	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/cum having a minimum average compressive strength of 4.00N/mm2 confirming to IS 2185(Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding , curing , hire charges of machineries etc., complete as per specfications . KBS No.5.4 with solid concrete blocks of size 40x20x20cm	Sqm	1113.0	Rupees One Thousand One Hundred Thirteen Only
153	0.21	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 -do- TMT bars Fe 500	Tonne	83961.0	Rupees Eighty Three Thousand Nine Hundred Sixty One Only
154	20.98	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	151.0	Rupees One Hundred Fifty One Only
155	34.2	Providing 20 mm thick cement plaster in single coat with CM 1:3 to stone masonry / concrete surface including rounding off corners wherever required smooth rendering: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification	Sqm	308.0	Rupees Three Hundred Eight Only
156	8.64	KSRB 15-3.13: Providing 12mm thick cement plastering in single coat with cement mortar 1:3 to ceiling I including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification. (PWD, S.R. 2016-17)(Page No. 114, item No. 15.21)	Sqm	212.0	Rupees Two Hundred Twelve Only
157	0.36	Providing and fixing MS door for sump including cost of labour, materials and one coat of primer paint and two coats of enamel painting etc, as directed by the engineer in charge of work (PWD, S.R. 2016-17)	Sqm	4158.0	Rupees Four Thousand One Hundred Fifty Eight Only
158	394	Electrical Work: Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.(Page No. 2, Item No.1.1.1 & 1.1.2) a) 19/20mm dia 2mm thick	Mtr	59.0	Rupees Fifty Nine Only
159	250	b) 25mm dia 2mm thick	Mtr	77.0	Rupees Seventy Seven Only

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	App Qty	Description of work	Approved Rates of M/s. H V ONKARAPPA		
			Unit	Rate in Figures	Rate in Words
160	60	Concealed Conduit System: Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick confirmingto IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary. a) 19/20mm dia 2mm thick	Mtr	48.0	Rupees Forty Eight Only
161	35	b) 25mm dia 2mm thick	Mtr	63.0	Rupees Sixty Three Only
162	45	Groove Cutting : Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, by groove cutting in wall and fixing by using U or J hooks and cement plastering up to the wall surface and run with 18SWG GI fish wire through out the conduit where ever necessary. a) 19/20mm dia 2mm thick	Mtr	63.0	Rupees Sixty Three Only
163	39	b) 25mm dia 2mm thick	Mtr	64.0	Rupees Sixty Four Only
164	125	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall(a) 1-3Way	Nos	100.0	Rupees One Hundred Only
165	110	b) 4-5Way	Nos	108.0	Rupees One Hundred Eight Only
166	60	c) 6Way	Nos	133.0	Rupees One Hundred Thirty Three Only
167	40	d) 8Way	Nos	153.0	Rupees One Hundred Fifty Three Only
168	20	e) 10-12Way	Nos	175.0	Rupees One Hundred Seventy Five Only
169	135	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.(Page No. 16, Item No.3.6.1 to 3.6.5) a) 1-3Way	Each	120.0	Rupees One Hundred Twenty Only
170	125	b) 4-5Way	Each	134.0	Rupees One Hundred Thirty Four Only
171	80	c) 6Way	Each	190.0	Rupees One Hundred Ninety Only
172	60	d) 8Way	Each	220.0	Rupees Two Hundred Twenty Only

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			Unit	Rate in Figures	Rate in Words
173	40	e) 10-12Way	Each	294.0	Rupees Two Hundred Ninety Four Only
174	65	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293. a) 6Amps one way	Each	69.0	Rupees Sixty Nine Only
175	42	b) 6Amps 3way socket	Each	105.0	Rupees One Hundred Five Only
176	40	c) Stepped Fan Regulator	Each	315.0	Rupees Three Hundred Fifteen Only
177	20	d) 16Amps one way switch	Each	125.0	Rupees One Hundred Twenty Five Only
178	20	e) 6/16Amps universal socket	Each	161.0	Rupees One Hundred Sixty One Only
179	15	f) TV/Telephone socket	Each	90.0	Rupees Ninety Only
180	36	supplying and wiring adopting loop system in existing PVC conduit / casing capping using 1100 v grade , copper conductor flexible multistrand FRLS PVC insulated, 2 x1.5sq.mm cable confirming to the GTP, without switch, the other end of the wires shall be terminated with sufficient loose length in a wood /PVC cound block. complete for each outlet. (a) Short point up to 3Mtr from tapping point to out let via switch box	Each	158.0	Rupees One Hundred Fifty Eight Only
181	90	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box	Each	236.0	Rupees Two Hundred Thirty Six Only
182	30	c) Long point above 6Mtr up to 10Mtr from tapping point to out let via switch box	Each	367.0	Rupees Three Hundred Sixty Seven Only
183	15	d) Two Outlet in a row, above 3.0M unto 6.0M from tapping point to outlet via switch box.	Each	465.0	Rupees Four Hundred Sixty Five Only
184	6	e) Three Outlet in a row, above 6.0M unto 10.0M from tapping point to outlet via switch box.	Each	652.0	Rupees Six Hundred Fifty Two Only
185	18	Supplying and fixing metal Fan box with Round Hook. (Page No. 3, Item No. 1.12)	Each	101.0	Rupees One Hundred One Only
186	250	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper with low conductor resistance single core cable in open or concealed system of wiring with specified IS-694:1990 & comfirming to GTP of Group-A . a) 1.5 sqmm	Mtr	20.0	Rupees Twenty Only
187	500	b) 2.5 sqmm	Mtr	32.0	Rupees Thirty Two Only
188	150	c) 25mm dia 2mm thick	Mtr	46.0	Rupees Forty Six Only

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			Unit	Rate in Figures	Rate in Words
189	50	d) 6 sqmm	Mtr	70.0	Rupees Seventy Only
190	20	e) 10 sqmm	Mtr	118.0	Rupees One Hundred Eighteen Only
191	3	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mountin using required clamps, bolts, nuts with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting. Made out of 14 SWG M.S enclosure. Double door a) 4 way TP & N	Mtr	2638.0	Rupees Two Thousand Six Hundred Thirty Eight Only
192	3	b) 6 way TP & N	Mtr	3153.0	Rupees Three Thousand One Hundred Fifty Three Only
193	3	b) 12 way SP & N	Mtr	1784.0	Rupees One Thousand Seven Hundred Eighty Four Only
194	14	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 (Page No. 47, Item No. 6.16.1, 6.16.6, 6.16.5)) a) 5-32Amps SP	Each	459.0	Rupees Four Hundred Fifty Nine Only
195	15	b) 5-32Amps TPN	Each	1701.0	Rupees One Thousand Seven Hundred One Only
196	9	c) 40-63Amps TPN	Each	2129.0	Rupees Two Thousand One Hundred Twenty Nine Only
197	13	Supplying, fixing and wiring eaarth Earth Leakage Miniature Circuit Breaker [ELMCB] 240/250V upto 300mA sensitivity on existing wood/panel board. a) 16-25Amps 2Pole	Each	2653.0	Rupees Two Thousand Six Hundred Fifty Three Only
198	13	b) 32-40Amps 4Pole	Each	3685.0	Rupees Three Thousand Six Hundred Eighty Five Only
199	8500	Fabricating supplying and mounting MS box made out ...SWG suitable for floor I wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sqcm	0.4	Rupees And Paise Forty Only

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	App Qty	Description of work	Approved Rates of M/s. H V ONKARAPPA		
			Unit	Rate in Figures	Rate in Words
200	3	Supplying .....amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenoliciFRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 100Amps 4x30x6mm Aluminum Strips	mtr	2348.0	Rupees Two Thousand Three Hundred Forty Eight Only
201	3	Supplying fixing angle iron frame work fabricated out of M.S angle iron .. And m.S flat.... With bolts, washers etc., and painted with two coats of red oxide and then two coats of approved paint. a) 40x40x6 mm	mtr	289.0	Rupees Two Hundred Eighty Nine Only
202	3	a) 50x100x50x6 mm	mtr	713.0	Rupees Seven Hundred Thirteen Only
203	3	Supplying and fixing Moulded Case Circuit Breaker (MCCB) .over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Ieu= Ics)FOUR POLE 100Amps 25kA	Each	6389.0	Rupees Six Thousand Three Hundred Eighty Nine Only
204	3	Supplying of multi function degital meter with three line backlight LCD type display for voltage , current frequency, power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54degree of protection and completely wired as required with communication port and class 0.5s accuracy. FOUR POLE 100Amps 25kA	Each	8803.0	Rupees Eight Thousand Eight Hundred Three Only
205	8	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board.	Each	429.0	Rupees Four Hundred Twenty Nine Only
206	8	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound (Page No. 48, Item No. 6.32)	Each	531.0	Rupees Five Hundred Thirty One Only
207	8	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C	Each	486.0	Rupees Four Hundred Eighty Six Only
208	8	Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply. 100-125Amps	Each	7068.0	Rupees Seven Thousand Sixty Eight Only
209	60	Laying of LT UG cable : Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No.of Strip indicated in GTP & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A a) 3.5 core 50 sqmm	Mtr	291.0	Rupees Two Hundred Ninety One Only
210	90	b) 4 core 16 sqmm	Mtr	154.0	Rupees One Hundred Fifty Four Only

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	App Qty	Description of work	Approved Rates of M/s. H V ONKARAPPA		
			Unit	Rate in Figures	Rate in Words
211	90	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.(Page No. 61, Item No. 7.8.1 & 7.8.2) a) 25 sqmm to 75 sqmm	Mtr	18.0	Rupees Eighteen Only
212	150	b) 6 sqmm 16 Sqmm	Mtr	12.0	Rupees Twelve Only
213	98	Digging of trench of 0.6m deep x 0.50 mtr wide refiling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) In soil (ordinary)	Mtr	85.0	Rupees Eighty Five Only
214	98	providing and filling sand in exvated trench to cover already laid UG cable to a depth of 150mm alround the cable	Mtr	113.0	Rupees One Hundred Thirteen Only
215	58	providing and laying in position 100mm dia stone ware pipe in existing trench	Mtr	245.0	Rupees Two Hundred Forty Five Only
216	30	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 65 mm	Rmt	643.0	Rupees Six Hundred Forty Three Only
217	3	Supplying and fixing L.T cast iron pot heads suitable for 1.1 Kv class UG cable filled with necessory bitumin / insulating compound Complete with terminals, clamps, bolts, nuts and washers.	Rmt	700.0	Rupees Seven Hundred Only
218	6	Supplying and fiixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) 63mm dia	Each	440.0	Rupees Four Hundred Forty Only
219	36	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. a) 50 sqmm Long Barrel	Each	68.0	Rupees Sixty Eight Only
220	36	b) 6 sqmm	Each	7.0	Rupees Seven Only
221	4	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm alround with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.	Each	4748.0	Rupees Four Thousand Seven Hundred Forty Eight Only
222	60	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip 25x6mm	Mtr	136.0	Rupees One Hundred Thirty Six Only
223	60	Supplying of 2' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 4' - 28 watts	Each	1951.0	Rupees One Thousand Nine Hundred Fifty One Only

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	App Qty	Description of work	Approved Rates of M/s. H V ONKARAPPA		
			Unit	Rate in Figures	Rate in Words
224	17	Supplying and fixing PBBC/Bakelite straight or slant batten holder and wiring with 60w/230 volts lamp.	Each	201.0	Rupees Two Hundred One Only
225	40	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 56" Sweep (1400mm) Regular moduel	Each	2659.0	Rupees Two Thousand Six Hundred Fifty Nine Only
226	25	Supplying exhaust fan of 1440 RPM of 300mm (12") sizewith bracket blades complete for light duty suitable to operate on 230V 50Hz. AC Supply	Each	1870.0	Rupees One Thousand Eight Hundred Seventy Only
227	56	Fixing all types and all capacities fluorescent / false ceiling/spotlight/ CFLfittings indoor on the wall/ ceiling/rafters / girders using 23/0.0076" twin twisted RVC insulated wires, required nos of round blocks and clamps (if required)	Each	108.0	Rupees One Hundred Eight Only
228	58	Fixing fluorescent light using 2mtr long 19mm 18 SWG enameled braised conduit of two Nos. rod pendent with ball socket with check nuts all nickel plated	Each	554.0	Rupees Five Hundred Fifty Four Only
229	25	Fixing a ceiling /Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps.ceiling rose,necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire of approved quality, mounted on a suitable aize wooden board and wired	Each	261.0	Rupees Two Hundred Sixty One Only
230	20	Fixing a ceiling fan with extra length of GI pipe of class B 19mm dia for down rod	Each	180.0	Rupees One Hundred Eighty Only
231	25	Fixing one Exhast fan in the nitch already left in the wall with bolts and nets and 5 amps. Ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire.	Each	453.0	Rupees Four Hundred Fifty Three Only

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